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XI. *On the Diurnal and Annual Inequalities of Terrestrial Magnetism, as deduced from Observations made at the Royal Observatory, Greenwich, from 1858 to 1863; being a continuation of a communication on the Diurnal Inequalities from 1841 to 1857, printed in the Philosophical Transactions, 1863. With a Note on the Luno-diurnal and other Lunar Inequalities, as deduced from observations extending from 1848 to 1863.* By GEORGE BIDDELL AIREY, Astronomer Royal page 413

XII. *Spectroscopic Observations of the Sun.—No. II.* By J. NORMAN LOCKYER. Communicated by Dr. SHARPEY, Sec. R.S. 425

ERRATA.

Page 134, last line of Note, insert + before 2ϕ .

Page 158, in 5th column of Table, the number in line *b*, should be 24, and in line *c*, should be 5.